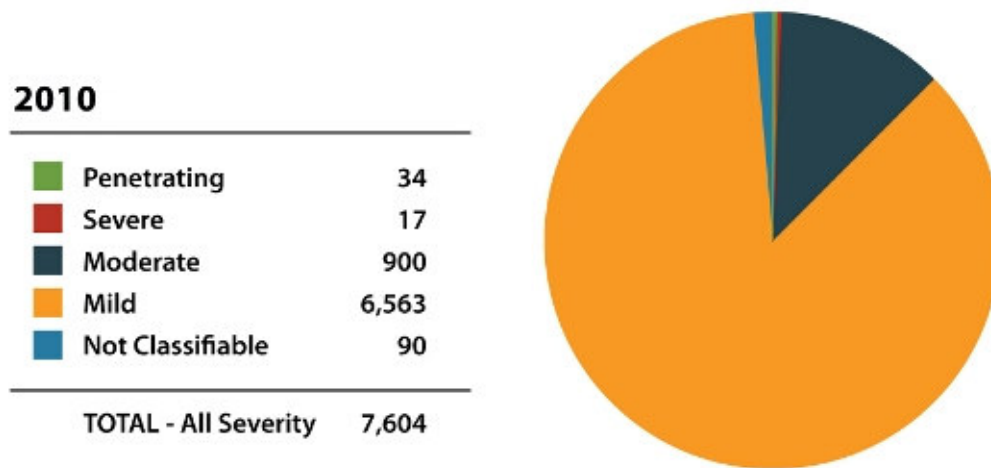


## 2010: TBI Categories (Penetrating/Severe/Moderate/Mild/Not Classifiable):



**Concussion/Mild TBI** is characterized by the following: A confused or disoriented state which lasts less than 24 hours; loss of consciousness for up to 30 minutes; memory loss lasting less than 24 hours; and structural brain imaging (MRI or CT scan) yielding normal results.

**Moderate TBI** is characterized by the following: A confused or disoriented state which lasts more than 24 hours; loss of consciousness for more than 30 minutes, but less than 24 hours; memory loss lasting greater than 24 hours but less than seven days; and structural brain imaging yielding normal or abnormal results.

**Severe TBI** is characterized by the following: A confused or disoriented state which lasts more than 24 hours; loss of consciousness for more than 24 hours; memory loss for more than seven days; and structural brain imaging yielding normal or abnormal results.

**Penetrating TBI**, or open head injury, is a head injury in which the dura mater, the outer layer of the meninges, is penetrated. Penetrating injuries can be caused by high-velocity projectiles or objects of lower velocity such as knives, or bone fragments from a skull fracture that are driven into the brain.

*Numbers for 2010 Quarter 1, updated as of 20 May 2010.*

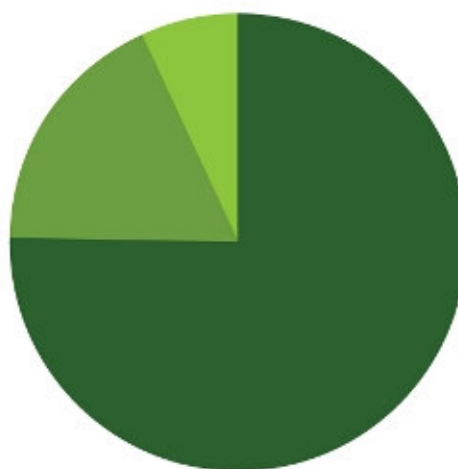
Source: Defense Medical Surveillance System (DMSS) and Theater Medical Data Store (TMDS)

Prepared by Armed Forces Health Surveillance Center (AFHSC)

## 2010: Army Breakdown

### 2010 Army

Active	3,375
Guard	800
Reserves	301
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TOTAL - Army	4,476



Service	Component	Severity	2010Q1
Army	Active	Penetrating	16
		Severe	7
		Moderate	426
		Mild	2,856
		Not Classifiable	70
	Guard	Penetrating	6
		Severe	3
		Moderate	106
		Mild	678
		Not Classifiable	7
	Reserves	Penetrating	-
		Severe	-
		Moderate	52
		Mild	244
		Not Classifiable	5

Numbers for 2010 Quarter 1, updated as of 20 May 2010.

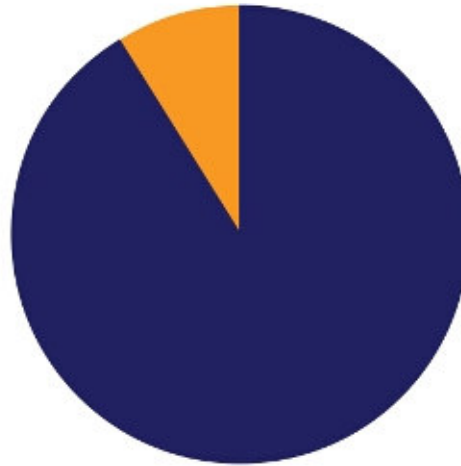
Source: Defense Medical Surveillance System (DMSS) and Theater Medical Data Store (TMDS)

Prepared by Armed Forces Health Surveillance Center (AFHSC)

## 2010: Navy Breakdown

### 2010 Navy

■ Active	747
■ Reserves	62
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TOTAL - Navy	809



Service	Component	Severity	2010Q1
Navy	Active	Penetrating	3
		Severe	3
		Moderate	75
		Mild	666
		Not Classifiable	-
	Reserves	Penetrating	-
		Severe	-
		Moderate	8
		Mild	54
		Not Classifiable	-

*Numbers for 2010 Quarter 1, updated as of 20 May 2010.*

Source: Defense Medical Surveillance System (DMSS) and Theater Medical Data Store (TMDS)

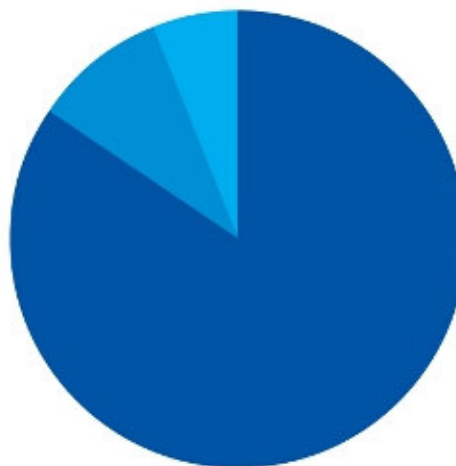
Prepared by Armed Forces Health Surveillance Center (AFHSC)

## 2010: Air Force Breakdown

### 2010 Air Force

Active	908
Guard	102
Reserves	65

**TOTAL - Air Force** 1,075



Service	Component	Severity	2010Q1
Air Force	Active	Penetrating	2
		Severe	-
		Moderate	78
		Mild	823
		Not Classifiable	5
	Guard	Penetrating	1
		Severe	-
		Moderate	14
		Mild	87
		Not Classifiable	-
	Reserves	Penetrating	1
		Severe	-
		Moderate	8
		Mild	56
		Not Classifiable	-

*Numbers for 2010 Quarter 1, updated as of 20 May 2010.*

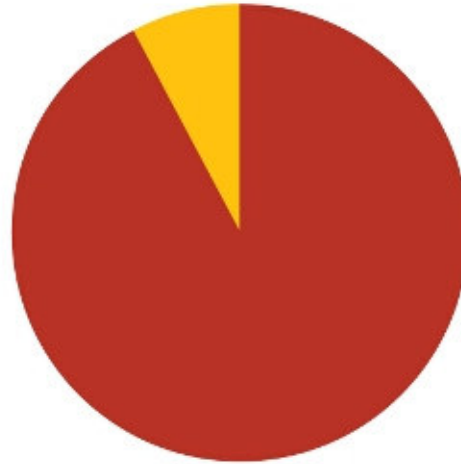
Source: Defense Medical Surveillance System (DMSS) and Theater Medical Data Store (TMDS)

Prepared by Armed Forces Health Surveillance Center (AFHSC)

## 2010: Marines Breakdown

### 2010 Marines

Active	1,149
Reserves	95
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TOTAL - Marines	1,244



Service	Component	Severity	2010Q1
Marines	Active	Penetrating	4
		Severe	4
		Moderate	122
		Mild	1,016
		Not Classifiable	3
	Reserves	Penetrating	1
		Severe	-
		Moderate	11
		Mild	83
		Not Classifiable	-

*Numbers for 2010 Quarter 1, updated as of 20 May 2010.*

Source: Defense Medical Surveillance System (DMSS) and Theater Medical Data Store (TMDS)

Prepared by Armed Forces Health Surveillance Center (AFHSC)